𝒮𝒦

RAW SEQUENCE LISTING   DATE: 09/14/2001
PATENT APPLICATION: US/09/830,876   TIME: 10:26:29

Input Set : A:\Q64066 Sequence.ST25.txt
Output Set: N:\CRF3\09142001\I830876.raw

```
 3 <110> APPLICANT: SKERRITT, John H.
 5 <120> TITLE OF INVENTION: DETECTION OF PREHARVEST SPROUTING IN CEREAL GRAINS
 7 <130> FILE REFERENCE: Q64066
 9 <140> CURRENT APPLICATION NUMBER: US 09/830,876
10 <141> CURRENT FILING DATE: 2001-05-02
12 <150> PRIOR APPLICATION NUMBER: PCT/AU99/00995
13 <151> PRIOR FILING DATE: 1999-11-11
15 <150> PRIOR APPLICATION NUMBER: PP7058
16 <151> PRIOR FILING DATE: 1998-11-11
18 <160> NUMBER OF SEQ ID NOS: 5
20 <170> SOFTWARE: PatentIn version 3.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 15
24 <212> TYPE: PRT
25 <213> ORGANISM: Triticum aestivum
27 <400> SEQUENCE: 1
29 Ile Asp Arg Leu Val Ser Ile Arg Thr Arg Gly Gln Ile His Ser
30 1               5                   10                  15
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 10
35 <212> TYPE: PRT
36 <213> ORGANISM: Triticum aestivum
38 <400> SEQUENCE: 2
40 Cys Arg Asp Asp Arg Pro Tyr Ala Asp Gly
41 1               5                   10
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 10
46 <212> TYPE: PRT
47 <213> ORGANISM: Triticum aestivum
49 <400> SEQUENCE: 3
51 Val Asn Trp Val Asn Lys Val Gly Gly Ser
52 1               5                   10
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 425
57 <212> TYPE: PRT
58 <213> ORGANISM: Triticum aestivum
60 <400> SEQUENCE: 4
62 Met Ala Ser Lys His Leu Ser Leu Phe Leu Val Leu Leu Gly Leu Ser
63 1               5                   10                  15
66 Ala Ser Leu Ala Ser Gly Gln Val Leu Phe Gln Gly Phe Asn Trp Glu
67              20                  25                  30
70 Ser Trp Lys His Asn Gly Gly Trp Tyr Asn Phe Leu Met Gly Lys Val
71              35                  40                  45
74 Asp Asp Ile Ala Ala Ala Gly Val Thr His Val Trp Leu Pro Pro Ala
75         50                  55                  60
78 Ser Gln Ser Val Ser Glu Gln Gly Tyr Met Pro Gly Arg Leu Tyr Asp
79 65                  70                  75                  80
```

Input Set : A:\Q64066 Sequence.ST25.txt
Output Set: N:\CRF3\09142001\I830876.raw

```
 82 Leu Asp Ala Ser Lys Tyr Gly Asn Lys Ala Gln Leu Lys Ser Leu Ile
 83               85                  90                  95
 86 Gly Ala Leu His Gly Lys Gly Val Lys Ala Ile Ala Asp Ile Val Ile
 87              100                 105                 110
 90 Asn His Arg Thr Ala Glu Arg Lys Asp Gly Arg Gly Ile Tyr Cys Ile
 91          115                 120                 125
 94 Phe Glu Gly Gly Thr Pro Asp Ala Arg Leu Asp Trp Gly Pro His Met
 95      130                 135                 140
 98 Ile Cys Arg Asp Asp Arg Pro Tyr Ala Asp Gly Thr Gly Asn Pro Asp
 99 145                 150                 155                 160
102 Thr Gly Ala Asp Phe Gly Ala Ala Pro Asp Ile Asp His Leu Asn Pro
103              165                 170                 175
106 Arg Val Gln Lys Glu Leu Val Glu Leu Leu Asn Trp Leu Arg Thr Asp
107          180                 185                 190
110 Ile Gly Phe Asp Gly Trp Arg Phe Asp Phe Ala Lys Gly Tyr Ser Ala
111          195                 200                 205
114 Asp Val Ala Lys Ile Tyr Val Asp Arg Ser Glu Ala Ser Phe Ala Val
115      210                 215                 220
118 Ala Glu Ile Trp Thr Ser Leu Ala Tyr Gly Gly Asp Gly Lys Pro Asn
119 225                 230                 235                 240
122 Leu Asn Gln Asp Pro His Arg Gln Glu Leu Val Asn Trp Val Asn Lys
123              245                 250                 255
126 Val Gly Gly Ser Gly Pro Gly Thr Thr Phe Asp Phe Thr Thr Lys Gly
127          260                 265                 270
130 Ile Leu Asn Val Ala Val Glu Gly Glu Leu Trp Arg Leu Arg Gly Thr
131          275                 280                 285
134 Asp Gly Lys Ala Pro Gly Met Ile Gly Trp Trp Pro Ala Lys Ala Val
135      290                 295                 300
138 Thr Phe Val Asp Asn His Asp Thr Gly Ser Thr Gln His Met Trp Pro
139 305                 310                 315                 320
142 Phe Pro Ser Asp Arg Val Met Gln Gly Tyr Ala Tyr Ile Leu Thr His
143              325                 330                 335
146 Pro Gly Pro Pro Cys Ile Phe Tyr Asp His Phe Phe Asp Trp Gly Leu
147              340                 345                 350
150 Lys Glu Glu Ile Asp Arg Leu Val Ser Ile Arg Thr Arg Gln Gly Ile
151          355                 360                 365
154 His Ser Glu Ser Lys Leu Gln Ile Ile Glu Ala Asp Ala Asp Leu Tyr
155      370                 375                 380
158 Leu Ala Glu Ile Asp Gly Lys Val Ile Val Lys Leu Gly Pro Arg Tyr
159 385                 390                 395                 400
162 Asp Val Gly His Leu Ile Pro Gly Gly Leu Lys Val Ala Ala His Gly
163              405                 410                 415
166 Lys Asp Tyr Ala Ile Trp Glu Lys Ile
167              420                 425
170 <210> SEQ ID NO: 5
171 <211> LENGTH: 10
172 <212> TYPE: PRT
173 <213> ORGANISM: Triticum aestivum
175 <400> SEQUENCE: 5
```

```
177 Lys Val Gly Gly Ser Gly Pro Gly Thr Thr
178 1         5             10
```

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/830,876

DATE: 09/14/2001
TIME: 10:26:30

Input Set : A:\Q64066 Sequence.ST25.txt
Output Set: N:\CRF3\09142001\I830876.raw